

ABSTRACT OF DISCLOSURE

An inkjet printer head driving apparatus and a control method thereof include a switching unit turning on and off each of heating elements to heat and eject ink through nozzles, a level shift unit having a level converter converting to a predetermined potential level a potential level of a signal inputted to drive the switching unit, a transient time extending part provided with at least one time extending element to extend a transient time during which a potential level of the signal inputted from the level converter to the switching unit is converted from a first signal level to a second signal level and vice versa, and a control unit outputting to the level shift unit the delayed signal as a nozzle selection signal to select the nozzles corresponding to a to-be-recorded image.